

S-E-C-R-E-T

SECURITY INFORMATION

RESURVEY OF ORR 1953 RESEARCH PROGRAM

25X1A9A

PROJECT CONTROL COMMITTEE:

DIVISION: Materials
BRANCH : Chemicals
Date : 7 April 1953

25X1A9A

Also present:

Comment:

Discussion brought out problems unique in this Branch because of the nature and diversity of chemicals field. Capabilities of Branch have been overestimated in original 1953 program, due to recruitment failures. It was agreed that, after further consideration of staff limitations, the program would be worked out by Lockhart with the five section chiefs. This program was agreed upon after these conferences. Major problem, which remained unresolved after section conferences, is the consolidation of major projects. Some projects listed as "deferred" will be undertaken prior to 1-54, but will not be completed before that date.

Statistics:

25X1A

Program adjustments have been based on hours utilized and estimated capabilities, assuming 47 percent of total available time is applied to the research program, as follows:

| | |
|--|---------------|
| Hours utilized on projects not completed as of 1 April 1953 .. | 2,788 |
| second quarter 1953 | 3,179 |
| third quarter 1953 | 3,668 |
| fourth quarter 1953 | 4,157 |
| first quarter 1954 | 4,157 |
| Total estimated capability | <u>17,949</u> |

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M/C (contd.)

Adjusted Program:

| <u>Project No.</u> | <u>Title</u> | <u>Hours</u> | <u>Quarter Due</u> | <u>Comment</u> |
|------------------------|---|--------------|--------------------|----------------|
| <u>Branch Projects</u> | | | | |
| 22.1 | Fixed Nitrogen Industry in SovBloc | | | |
| 22.1.1 | Mineral Fertilizer in the USSR | 350 | 3-53 | |
| 22.1.3 | Poland | 320 | 4-53 | |
| 22.1.4 | Czechoslovakia | 400 | 3-53 | |
| 22.1.5 | East Germany | 450 | 4-53 | |
| 22.1.6 | Balkans | 250 | 4-53 | |
| 22.1.7 | China | 100 | 4-53 | |
| 22.2 | Coal Tar Chemicals in Satellites | | | |
| 22.2.2 | East Germany | 520 | 2-53 | |
| 22.2.3 | Balkans | 150 | 2-53 | |
| 22.2.4 | China | 50 | 2-53 | |
| 22.3 | Sulfuric Acid Industry in SovBloc | | | |
| 22.3.1 | USSR | 500 | 2-53 | |
| 22.3.2 | Czechoslovakia | 200 | 1-54 | |
| 22.3.3 | East Germany | (360) | Defer | |
| 22.3.4 | Poland | 230 | 1-54 | |
| 22.3.5 | Balkans | (290) | Defer | |
| 22.3.6 | China | (50) | Defer | |
| 22.4 | Chlorine and Alkali Industries in SovBloc | | | |
| 22.4.1 | Calcined and Caustic Soda in USSR | 350 | 3-53 | |
| 22.4.2 | East Germany | (400) | Defer | |
| 22.4.3 | Czechoslovakia | (270) | Defer | |
| 22.4.4 | Poland | (250) | Defer | |
| 22.4.5 | Balkans | (220) | Defer | |
| 22.4.6 | China | (40) | Defer | |
| 22.5 | Methanol and Formaldehyde in SovBloc | | | |
| 22.5.1 | USSR | 350 | 4-53 | |
| 22.5.2 | East Germany | (340) | Defer | |
| 22.5.3 | Czechoslovakia | (200) | Defer | |
| 22.5.4 | Poland | (200) | Defer | |
| 22.5.5 | Balkans | (200) | Defer | |
| 22.5.6 | China | (160) | Defer | |

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M/C (contd.)

| Project No. | Title | Quarter Hours | Due | Comment |
|---------------------------------|--|------------------|-------|---------------------------------|
| <u>Branch Projects (contd.)</u> | | | | |
| 22.6 | Ethyl Alcohol Industry in SovBloc | | | |
| 22.6.2 | East Germany | (210) | Defer | |
| 22.6.3 | Czechoslovakia | (200) | Defer | |
| 22.6.4 | Poland | (230) | Defer | |
| 22.6.5 | Balkans | (200) | Defer | |
| 22.6.6 | China | (160) | Defer | |
| 22.7 | Calcium Carbide and Acetylene in Satellites | | | |
| 22.7.1 | East Germany | (400) | Defer | |
| 22.7.2 | Czechoslovakia | (300) | Defer | |
| 22.7.3 | Poland | (300) | Defer | |
| 22.7.4 | Balkans | (150) | Defer | |
| 22.7.5 | China | (100) | Defer | |
| 22.8 | Fluorine Industry in SovBloc | | | |
| 22.8.1 | USSR | 300 | 1-54 | |
| 22.8.2 | Satellites | (700) | Defer | |
| 22.9 | Glycerine Industry in SovBloc | | | |
| 22.9.1 | USSR | 300 | 1-54 | |
| 22.9.2 | Satellites | (750) | Defer | |
| 22.10 | Cellulose Industry in USSR | (400) | Defer | |
| 22.11 | Tetraethyl Lead and Metallic Sodium in USSR | 400 | 4-53 | |
| 22.12 | Metallic Sodium in SovBloc | (200) | | Cancel - combined with 22.11 |
| 22.13 | Hydrogen Peroxide and Hydrazine in USSR | 300 | 1-54 | |
| 22.14 | Rubber Industry in SovBloc | | | |
| 22.14.1 | Rubber Situation in the Satellites | 400 | 4-53 | |
| 22.14.2 | Motor Vehicle Tire Production in the Satellites | 400 | 3-53 | |
| 22.14.3 | Rayon Tire Cord in SovBloc | 320 | 4-53 | |
| 22.14.4 | Carbon Black in SovBloc | 600 | 1-54 | |
| 22.14.5 | Bead Wire in SovBloc | 300 | 4-53 | |
| 22.15 | Plastics Industry in the SovBloc | (1,600) | Defer | |

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M/C (contd.)

| Project No. | Title | Hours | Quarter Due | Comment |
|-----------------------------------|--|-------|---------------|---------|
| <u>Branch Projects (contd.)</u> | | | | |
| 22.16 | Special Military Chemicals in SovBloc | | | |
| 22.16.1 | Explosives in SovBloc | 1,000 | 2-53 | |
| 22.16.3 | Biological Warfare Agents in SovBloc | 650 | 3-53 | |
| 22.16.4 | Antibiotics in SovBloc | 650 | 4-53 | |
| 22.16.5 | Pharmaceuticals in SovBloc | (750) | Defer | |
| 22.17 | International Supply Studies for SovBloc | | | |
| 22.17.1 | Sulfur | 430 | 3-53 | |
| 22.17.2 | Photographic Gelatin | 100 | 2-53 | |
| 22.17.3 | Iodine | 300 | 4-53 | |
| 22.18 | Chemical Equipment in SovBloc | 1,800 | 1-54 | |
| 22.20 | Petrochemicals in SovBloc | 250 | 2-53 | |
| 22.21 | Planned East German Chemical Production, 1951-55 | 200 | 3-53 | |
| Total hours, Branch Projects | | | <u>12,970</u> | |
| <u>Office-Wide Projects</u> | | | | |
| 0.1 | Strategic Stockpiling in SovBloc | 200 | 3-53 | |
| 0.2 | Economy of East Germany | 200 | 3-53 | |
| 0.3 | Economy of Communist China | 150 | 3-53 | |
| 0.4 | Regional Distribution of Economic Activity in SovBloc | 50 | 3-53 | |
| 0.5 | Volume and Character of Trans-Siberian Railway Traffic | 50 | 2-53 | |
| 0.6 | Structural Analysis of Soviet Economy | 1,000 | 4-53 | |
| Total hours, Office-Wide Projects | | | <u>1,650</u> | |
| Grand TOTAL, hours | | | <u>14,620</u> | |

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